

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	13	("6188447" "5630105" "6353703" "6449352" "5687160" "5750911" "5646931" "3593154" "4256389" "4385814" "5179726" "5237417" "5510801" "6111613" "6246431" "4260229" "4344029" "5216500" "5327231" "5640384" "5557661" "5185598" "5532923" "5808224" "5841472" "5946447" "5949792" "6334027" "6427049" "4357626" "6198499" "5748835" "4477840" "4480273" "4549236" "4571641" "5223944" "5455867" "6046721" "5537662" "5771065" "6022223" "6458521" "4268860" "4513323" "4771457" "5408331" "5426702" "5528694" "5854618").pn. and sound and frequency and picture and select\$4 and compos\$5 and display	US-PGPUB; USPAT	OR	ON	2004/04/02 12:25
S2	2463	sound and frequency and picture and select\$4 and compos\$5 and display and band	US-PGPUB; USPAT	OR	ON	2004/03/30 15:27
S3	862	sound and frequency and picture and select\$4 and compos\$5 and display and band and presentation	US-PGPUB; USPAT	OR	ON	2004/03/30 15:27
S4	43	"704"/\$.ccls. and sound and frequency and picture and select\$4 and compos\$5 and display and band and presentation	US-PGPUB; USPAT	OR	ON	2004/03/30 15:28
S5	1	704/220.ccls. and sound and frequency and picture and select\$4 and compos\$5 and display and band and presentation	US-PGPUB; USPAT	OR	ON	2004/04/01 17:55
S6	1	704/276.ccls. and sound and frequency and picture and select\$4 and compos\$5 and display and band and presentation	US-PGPUB; USPAT	OR	ON	2004/03/30 15:30
S7	1	704/276.ccls. and sound and frequency and picture and select\$4 and compos\$5 and display and band and presentation and display	US-PGPUB; USPAT	OR	ON	2004/03/30 15:30
S8	43	"704"/\$.ccls. and sound and frequency and picture and select\$4 and compos\$5 and display and band and presentation and display	US-PGPUB; USPAT	OR	ON	2004/03/30 15:31

S9	1	704/220.ccls. and sound and frequency and picture and select\$4 and compos\$5 and display and band and presentation and display	US-PGPUB; USPAT	OR	ON	2004/03/30 15:33
S10	0	"704"/\$.ccls. and sound and frequency and picture and select\$4 and ((compos\$5 combin\$5) adj2 picture) and display and band and presentation and display	US-PGPUB; USPAT	OR	ON	2004/03/30 15:35
S11	153	(audio sound speech voice) and frequency and picture and select\$4 and ((compos\$5 combin\$5) adj2 picture) and display and band and presentation and display	US-PGPUB; USPAT	OR	ON	2004/03/30 15:35
S12	68	(audio sound speech voice) and frequency and picture and select\$4 and ((compos\$5 combin\$5) adj1 picture) and display and band and presentation and display	US-PGPUB; USPAT	OR	ON	2004/03/30 15:39
S13	20	(audio sound speech voice) and frequency and picture and select\$4 and ((compos\$5 combin\$5) adj1 picture) and display and band and presentation and display and FFT	US-PGPUB; USPAT	OR	ON	2004/03/30 15:37
S14	0	(audio sound speech voice) and frequency and picture and select\$4 and ((compos\$5 combin\$5) adj1 picture) and display and band and presentation and display and FFT and spectrum	US-PGPUB; USPAT	OR	ON	2004/03/30 15:39
S15	20	(audio sound speech voice) and frequency and picture and select\$4 and ((compos\$5 combin\$5) adj1 picture) and display and band and presentation and display and FFT and (spectrum spectral)	US-PGPUB; USPAT	OR	ON	2004/03/30 15:39
S16	0	(audio sound speech voice) and frequency and picture and select\$4 and ((compos\$5 combin\$5) adj2 picture) and display and band and presentation and display and FFT and spectrum	US-PGPUB; USPAT	OR	ON	2004/03/30 15:40

S17	1	(audio sound speech voice) and frequency and picture and select\$4 and ((compos\$5 combin\$5) adj2 picture) and display and band and present\$5 and display and FFT and spectrum	US-PGPUB; USPAT	OR	ON	2004/03/30 15:41
S18	1	(audio sound speech voice) and frequency and picture and select\$4 and ((compos\$5 combin\$5 mix) adj2 (picture figure drawing)) and display and band and present\$5 and display and FFT and spectrum	US-PGPUB; USPAT	OR	ON	2004/03/30 15:42
S19	2	(audio sound speech voice) and frequency and picture and select\$4 and ((compos\$5 combin\$5 mix) adj2 (picture figure drawing)) and display and band and display and FFT and spectrum	US-PGPUB; USPAT	OR	ON	2004/03/30 15:43
S20	2	(audio sound speech voice) and frequency and picture and select\$4 and ((compos\$5 combin\$5 mix) adj2 (picture figure drawing graphic)) and display and band and display and FFT and spectrum	US-PGPUB; USPAT	OR	ON	2004/03/30 15:43
S21	136	(audio sound speech voice) and frequency and picture and select\$4 and ((compos\$5 combin\$5 mix) adj2 (picture figure drawing graphic)) and display and band and display and spectrum	US-PGPUB; USPAT	OR	ON	2004/03/30 15:50
S22	4	"704"/\$.ccls. and (audio sound speech voice) and frequency and picture and select\$4 and ((compos\$5 combin\$5 mix) adj1 (picture figure drawing graphic)) and display and band and spectrum	US-PGPUB; USPAT	OR	ON	2004/03/30 15:51
S23	64	(audio sound speech voice) and frequency and picture and select\$4 and ((compos\$5 combin\$5 mix) adj1 (picture figure drawing graphic)) and display and band and spectrum and store and medium	US-PGPUB; USPAT	OR	ON	2004/03/30 15:48
S24	70	(audio sound speech voice) and frequency and picture and select\$4 and ((compos\$5 combin\$5 mix) adj1 (picture figure drawing graphic)) and display and band and spectrum and store	US-PGPUB; USPAT	OR	ON	2004/03/30 15:48

S25	90	(audio sound speech voice) and frequency and picture and select\$4 and ((compos\$5 combin\$5 mix) adj1 (picture figure drawing graphic)) and display and band and spectrum	US-PGPUB; USPAT	OR	ON	2004/03/30 15:50
S26	136	(audio sound speech voice) and frequency and picture and select\$4 and ((compos\$5 combin\$5 mix) adj2 (picture figure drawing graphic)) and display and band and spectrum	US-PGPUB; USPAT	OR	ON	2004/03/30 15:50
S27	4	"704"/\$.ccls. and (audio sound speech voice) and frequency and picture and select\$4 and ((compos\$5 combin\$5 mix) adj1 (picture figure drawing graphic)) and (display visual presentation) and band and spectrum	US-PGPUB; USPAT	OR	ON	2004/03/30 15:52
S28	4	"704"/\$.ccls. and (audio sound speech voice) and frequency and select\$4 and ((compos\$5 combin\$5 mix) adj1 (picture figure drawing graphic)) and (display visual presentation) and band and spectrum	US-PGPUB; USPAT	OR	ON	2004/03/30 15:52
S29	4	"704"/\$.ccls. and (audio sound speech voice) and frequency and select\$4 and ((compos\$5 combin\$5 mix) adj1 (picture figure drawing graphic)) and (display visual presentation) and band and (spectral spectrum)	US-PGPUB; USPAT	OR	ON	2004/03/30 15:52
S30	6	"704"/\$.ccls. and (audio sound speech voice) and frequency and select\$4 and ((compos\$5 combin\$5 mix) adj2 (picture figure drawing graphic)) and (display visual presentation) and band and (spectral spectrum)	US-PGPUB; USPAT	OR	ON	2004/03/31 13:01
S31	0	"48"/\$.ccls. and (audio sound speech voice) and frequency and select\$4 and ((compos\$5 combin\$5 mix\$4) adj2 (picture figure drawing graphic)) and (display visual presentation) and band and (spectral spectrum)	US-PGPUB; USPAT	OR	ON	2004/03/31 13:03

S32	0	"48"/\$.ccls. and (audio sound speech voice) and frequency and select\$4 and ((compos\$5 combin\$5 mix\$4) and (picture figure drawing graphic)) and (display visual presentation) and band and (spectral spectrum)	US-PGPUB; USPAT	OR	ON	2004/03/31 13:03
S33	110	"700"/\$.ccls. and (audio sound speech voice) and frequency and select\$4 and ((compos\$5 combin\$5 mix\$4) and (picture figure drawing graphic)) and (display visual presentation) and band and (spectral spectrum)	US-PGPUB; USPAT	OR	ON	2004/03/31 13:04
S34	14	"381"/\$.ccls. and (audio sound speech voice) and frequency and select\$4 and ((compos\$5 combin\$5 mix\$4) adj2 (image picture figure drawing graphic)) and (display visual presentation) and band and (spectral spectrum)	US-PGPUB; USPAT	OR	ON	2004/03/31 13:09
S35	10	"704"/\$.ccls. and (audio sound speech voice) and frequency and select\$4 and ((compos\$5 combin\$5 mix\$4) adj2 (image picture figure drawing graphic)) and (display visual presentation) and band and (spectral spectrum)	US-PGPUB; USPAT	OR	ON	2004/03/31 13:14
S36	53	"345"/\$.ccls. and (audio sound speech voice) and frequency and select\$4 and ((compos\$5 combin\$5 mix\$4) adj2 (image picture figure drawing graphic)) and (display visual presentation) and band and (spectral spectrum)	US-PGPUB; USPAT	OR	ON	2004/03/31 13:18
S37	4	"345"/\$.ccls. and (audio sound speech voice) and frequency and select\$4 and ((compos\$5 combin\$5 mix\$4) adj2 (image picture figure drawing graphic)) and (display visual presentation) and band and (spectral spectrum) and equaliz\$4	US-PGPUB; USPAT	OR	ON	2004/03/31 13:49
S38	3	"345"/\$.ccls. and (audio sound speech voice) and frequency and select\$4 and ((compos\$5 combin\$5 mix\$4) adj2 (image picture figure drawing graphic)) and (display visual presentation) and band and (spectral spectrum) and equaliz\$4 and music	US-PGPUB; USPAT	OR	ON	2004/03/31 13:50

S39	2	"704"/\$.ccls. and (audio sound speech voice) and frequency and select\$4 and ((compos\$5 combin\$5 mix\$4) adj2 (image picture figure drawing graphic)) and (display visual presentation) and band and (spectral spectrum) and equaliz\$4 and music	US-PGPUB; USPAT	OR	ON	2004/03/31 13:52
S40	0	"704"/\$.ccls. and (audio sound speech voice) and frequency and select\$4 and ((compos\$5 combin\$5 mix\$4) adj2 (image picture figure drawing graphic)) and (display visual presentation) and band and (spectral spectrum) and equaliz\$4 and music and fft	US-PGPUB; USPAT	OR	ON	2004/03/31 13:53
S41	0	"381"/\$.ccls. and (audio sound speech voice) and frequency and select\$4 and ((compos\$5 combin\$5 mix\$4) adj2 (image picture figure drawing graphic)) and (display visual presentation) and band and (spectral spectrum) and equaliz\$4 and music and fft	US-PGPUB; USPAT	OR	ON	2004/03/31 13:53
S42	29	(audio sound speech voice) and frequency and select\$4 and ((compos\$5 combin\$5 mix\$4) adj2 (image picture figure drawing graphic)) and (display visual presentation) and band and (spectral spectrum) and equaliz\$4 and music	US-PGPUB; USPAT	OR	ON	2004/03/31 14:43
S43	26	(audio sound speech voice) and frequency and select\$4 and ((compos\$5 combin\$5 mix\$4) and (image picture figure drawing graphic)) and (display visual presentation) and band and (spectral spectrum) and (graphic adj1 equaliz\$4) and music	US-PGPUB; USPAT	OR	ON	2004/03/31 15:55
S44	0	(audio sound speech voice) and frequency and select\$4 and ((compos\$5 combin\$5 mix\$4) adj2 (image picture figure drawing graphic)) and (display visual presentation) and band and (spectral spectrum) and (graphic adj1 equaliz\$4) and music	US-PGPUB; USPAT	OR	ON	2004/03/31 14:54

S45	0	(audio sound speech voice) and frequency and select\$4 and ((compos\$5 combin\$5 mix\$4) adj1 (image picture graphic visual)) and (display visual presentation) and band and (spectral spectrum) and (graphic adj1 equaliz\$4) and music	US-PGPUB; USPAT	OR	ON	2004/03/31 15:19
S46	1	(audio sound speech voice) and frequency and select\$4 and ((compos\$5 combin\$5 mix\$4) adj3 (image picture graphic visual)) and (display visual presentation) and band and (spectral spectrum) and (graphic adj1 equaliz\$4) and music	US-PGPUB; USPAT	OR	ON	2004/03/31 15:23
S47	1	(audio sound speech voice) and frequency and select\$4 and ((compos\$5 combin\$5 mix\$4) adj3 (image picture graphic visual)) and band and (spectral spectrum) and (graphic adj1 equaliz\$4) and music	US-PGPUB; USPAT	OR	ON	2004/03/31 15:20
S48	0	(audio sound speech voice) and frequency and select\$4 and ((compos\$5 combin\$5 mix\$4) adj3 (image picture graphic visual)) and (display visual presentation) and band and (spectral spectrum) and (graphic adj1 equaliz\$4) and music and (select\$4 adj2 (image picture graphic visual))	US-PGPUB; USPAT	OR	ON	2004/03/31 15:24
S49	0	frequency and select\$4 and ((compos\$5 combin\$5 mix\$4) adj3 (image picture graphic visual)) and (display visual presentation) and band and (spectral spectrum) and (graphic adj1 equaliz\$4) and music and (select\$4 adj2 (image picture graphic visual))	US-PGPUB; USPAT	OR	ON	2004/03/31 15:24
S50	0	(audio sound speech voice) and frequency and select\$4 and ((compos\$5 combin\$5 mix\$4) adj3 (image picture graphic visual)) and (display visual presentation) and band and (spectral spectrum) and (graphic adj1 equaliz\$4) and (select\$4 adj2 (image picture graphic visual))	US-PGPUB; USPAT	OR	ON	2004/03/31 15:29



S51	1	(audio sound speech voice) and frequency and select\$4 and ((compos\$5 combin\$5 mix\$4) adj3 (image picture graphic visual)) and (display visual presentation) and band and (graphic adj1 equaliz\$4) and (select\$4 adj2 (image picture graphic visual))	US-PGPUB; USPAT	OR	ON	2004/03/31 15:25
S52	1	(audio sound speech voice) and frequency and select\$4 and ((compos\$5 combin\$5 mix\$4) adj3 (image picture graphic visual)) and (display visual presentation) and band and (graphic adj1 equaliz\$4) and ((select\$4 choose pick determin\$4) adj2 (image picture graphic visual))	US-PGPUB; USPAT	OR	ON	2004/03/31 15:27
S53	124	(audio sound speech voice) and frequency and select\$4 and ((compos\$5 combin\$5 mix\$4) adj2 (image picture graphic visual)) and (display visual presentation) and band and (spectral spectrum) and (select\$4 adj2 (image picture graphic visual)) and music\$3	US-PGPUB; USPAT	OR	ON	2004/03/31 16:36
S54	1	(audio sound speech voice) and (frequency near1 analyz\$4) and select\$4 and ((compos\$5 combin\$5 mix\$4) adj2 (image picture graphic visual)) and (display visual presentation) and band and (spectral spectrum) and (select\$4 adj2 (image picture graphic visual)) and music\$3	US-PGPUB; USPAT	OR	ON	2004/03/31 15:36
S55	0	(audio sound speech voice) and (frequency near1 analyz\$4) and select\$4 and ((compos\$5 combin\$5 mix\$4) adj2 (image picture graphic visual)) and (display visual presentation) and band and (spectral spectrum) and (select\$4 adj2 (image picture graphic visual)) and music\$3 and (computer PC)	US-PGPUB; USPAT	OR	ON	2004/03/31 15:38
S56	98	(audio sound speech voice) and (frequency and analyz\$4) and select\$4 and ((compos\$5 combin\$5 mix\$4) adj2 (image picture graphic visual)) and (display visual presentation) and band and (spectral spectrum) and (select\$4 adj2 (image picture graphic visual)) and music\$3 and (computer PC) and store	US-PGPUB; USPAT	OR	ON	2004/03/31 15:39



S57	0	(audio sound speech voice) and (frequency adj2 analyz\$4 ) and select\$4 and ((compos\$5 combin\$5 mix\$4) adj2 (image picture graphic visual)) and (display visual presentation) and band and (spectral spectrum) and (select\$4 adj2 (image picture graphic visual)) and music\$3 and (computer PC) and store	US-PGPUB; USPAT	OR	ON	2004/03/31 15:40
S58	114	(audio sound speech voice) and (frequency nea2 analyz\$4 ) and select\$4 and ((compos\$5 combin\$5 mix\$4) adj2 (image picture graphic visual)) and (display visual presentation) and band and (spectral spectrum) and (select\$4 adj2 (image picture graphic visual)) and music\$3 and (computer PC) and store	US-PGPUB; USPAT	OR	ON	2004/03/31 15:50
S59	1	(audio sound speech voice) and (frequency and analyz\$4 ) and select\$4 and ((compos\$5 combin\$5 mix\$4) adj2 (image picture graphic visual)) and (display visual presentation) and band and (spectral spectrum) and (select\$4 adj2 (image picture graphic visual)) and (computer PC) and store and (graphic image visual) adj2 equaliz\$4	US-PGPUB; USPAT	OR	ON	2004/03/31 16:37
S60	0	(audio sound speech voice) and (frequency and analyz\$4 ) and select\$4 and ((compos\$5 combin\$5 mix\$4) adj2 (image picture graphic visual)) and (display visual presentation) and band and (select\$4 adj2 (image picture graphic visual)) and music\$3 and (computer PC) and store and (graphic image visual) adj2 equaliz\$4	US-PGPUB; USPAT	OR	ON	2004/03/31 15:50
S61	5	(audio sound speech voice) and (frequency nea2 analyz\$4 ) and select\$4 and ((compos\$5 combin\$5 mix\$4) adj2 (image picture graphic visual)) and (display visual presentation) and band and (spectral spectrum) and (select\$4 adj2 (image picture graphic visual)) and music\$3 and (computer PC) and store and gui	US-PGPUB; USPAT	OR	ON	2004/03/31 15:52

S62	16	(audio sound speech voice) and frequency and select\$4 and ((compos\$5 combin\$5 mix\$4) and (image picture figure drawing graphic)) and (display visual presentation) and band and (spectral spectrum) and (graphic adj1 equaliz\$4) and music and computer	US-PGPUB; USPAT	OR	ON	2004/03/31 16:40
S63	8	(audio sound speech voice) and frequency and select\$4 and ((compos\$5 combin\$5 mix\$4) and (image picture figure drawing graphic)) and (display visual presentation) and band and (spectral spectrum) and (graphic adj1 equaliz\$4) and music and computer and store	US-PGPUB; USPAT	OR	ON	2004/03/31 15:59
S64	0	"704"/\$.ccls. and (audio sound speech voice music) and frequency and select\$4 and ((compos\$5 combin\$5 mix\$4) same (image picture graphic visual)) and (display visual presentation) and band and (spectral spectrum) and (graphic adj1 equaliz\$4) and (computer pc)	US-PGPUB; USPAT	OR	ON	2004/03/31 16:06
S65	7	(audio sound speech voice music) and frequency and select\$4 and ((compos\$5 combin\$5 mix\$4) same (image picture graphic visual)) and (display visual presentation) and band and (spectral spectrum) and (graphic adj1 equaliz\$4) and (computer pc)	US-PGPUB; USPAT	OR	ON	2004/03/31 16:06
S66	2	"6285767".URPN.	USPAT	OR	OFF	2004/03/31 16:08

S67	13	("6188447" "5630105" "6353703" "6449352" "5687160" "5750911" "5646931" "3593154" "4256389" "4385814" "5179726" "5237417" "5510801" "6111613" "6246431" "4260229" "4344029" "5216500" "5327231" "5640384" "5557661" "5185598" "5532923" "5808224" "5841472" "5946447" "5949792" "6334027" "6427049" "4357626" "6198499" "5748835" "4477840" "4480273" "4549236" "4571641" "5223944" "5455867" "6046721" "5537662" "5771065" "6022223" "6458521" "4268860" "4513323" "4771457" "5408331" "5426702" "5528694" "5854618").pn. and sound and frequency and (picture image visual) and select\$4 and compos\$5 and display	US-PGPUB; USPAT	OR	ON	2004/03/31 16:12
S68	18	"4256389".URPN.	USPAT	OR	OFF	2004/03/31 16:14
S69	0	(audio sound speech voice) and (frequency and analyz\$4 ) and select\$4 and ((compos\$5 combin\$5 mix\$4) adj2 (image picture graphic visual)) and (display visual presentation) and band and (spectral spectrum) and (select\$4 adj2 (image picture graphic visual)) and (computer PC) and store and (graphic) adj2 equaliz\$4	US-PGPUB; USPAT	OR	ON	2004/03/31 16:38
S70	0	(audio sound speech voice) and (frequency and analyz\$4 ) and select\$4 and ((compos\$5 combin\$5 mix\$4) adj2 (image picture graphic visual)) and (display visual presentation) and band and (spectral spectrum) and (select\$4 adj2 (image picture graphic visual)) and (computer PC) and store and (graphic\$4) adj2 equaliz\$4	US-PGPUB; USPAT	OR	ON	2004/03/31 16:38
S71	16	(audio sound speech voice) and frequency and select\$4 and ((compos\$5 combin\$5 mix\$4) and (image picture figure drawing graphic)) and (display visual presentation) and band and (spectral spectrum) and ((graphic\$3 image\$2 visual\$3) adj1 equaliz\$4) and music and computer	US-PGPUB; USPAT	OR	ON	2004/03/31 16:40
S72	7	"4559569".URPN.	USPAT	OR	OFF	2004/03/31 16:45

S73	0	704/220.ccls. and sound and frequency and picture and (select\$4 adj2 (image picture)) and compos\$5 and display and band and presentation	US-PGPUB; USPAT	OR	ON	2004/04/01 17:56
S74	2	704/270.ccls. and sound and frequency and picture and (select\$4 adj2 (image picture)) and compos\$5 and display and band	US-PGPUB; USPAT	OR	ON	2004/04/01 17:58
S75	20	"704"/\$.ccls. and sound and frequency and picture and (select\$4 choos\$4 swich\$4) adj2 (image picture)) and compos\$5 and display and band	US-PGPUB; USPAT	OR	ON	2004/04/01 18:02
S76	8	"704"/\$.ccls. and sound and (frequency near2 analy\$5) and (select\$5 near2 (image pitcture)) and display	US-PGPUB; USPAT	OR	ON	2004/04/02 14:33
S77	14	("4600281"   "4600919"   "4642710"   "4827532"   "4856066"   "4884972"   "5111409"   "5214758"   "5261041"   "5347306"   "5353404"   "5356156"   "5367454"   "5377319"   "B14600919").PN.	USPAT	OR	OFF	2004/04/02 12:35
S78	17	"4642710".URPN.	USPAT	OR	OFF	2004/04/02 12:40
S79	17	"4642710".URPN.	USPAT	OR	OFF	2004/04/02 12:41
S80	10	"5734794".URPN.	USPAT	OR	OFF	2004/04/02 12:42
S81	4	"704"/\$.ccls. and sound and (frequency near2 analy\$5) and (select\$5 near2 (image pitcture)) and display and compos\$5	US-PGPUB; USPAT	OR	ON	2004/04/02 19:09
S82	0	"704"/\$.ccls. and (frequency adj1 analy\$5 adj1 (image picture figure drawing))	US-PGPUB; USPAT	OR	ON	2004/04/02 19:13
S83	0	"704"/\$.ccls. and (frequency adj1 analy\$5 adj1 (image picture figure drawing visual))	US-PGPUB; USPAT	OR	ON	2004/04/02 19:13
S84	1	"704"/\$.ccls. and ((frequency spectrum spectral) adj1 analy\$5 adj1 (image picture figure drawing visual))	US-PGPUB; USPAT	OR	ON	2004/04/02 19:34
S85	0	"381"/\$.ccls. and ((frequency spectrum spectral) adj1 analy\$5 adj1 (image picture figure drawing visual))	US-PGPUB; USPAT	OR	ON	2004/04/02 19:15

S86	34	(speech voice audio sound) and ((frequency spectrum spectral) adj1 analy\$5 adj1 (image picture figure drawing visual))	US-PGPUB; USPAT	OR	ON	2004/04/02 19:25
S87	1	"704"/\$.ccls. and (speech voice audio sound) and ((frequency spectrum spectral) adj1 analy\$5 adj1 (image picture figure drawing visual))	US-PGPUB; USPAT	OR	ON	2004/04/02 19:25
S88	1	"704"/\$.ccls. and (speech voice audio sound) and ((frequency spectrum spectral formant) adj1 analy\$5 adj1 (image picture figure drawing visual))	US-PGPUB; USPAT	OR	ON	2004/04/02 19:26
S89	0	"704"/\$.ccls. and (speech voice audio sound) and ((frequency spectrum spectral formant) adj1 analy\$5 adj1 (image picture chart))	US-PGPUB; USPAT	OR	ON	2004/04/02 19:26
S90	2	"704"/\$.ccls. and (speech voice audio sound) and ((frequency spectrum spectral formant) near2 analy\$5 near2 (image picture chart))	US-PGPUB; USPAT	OR	ON	2004/04/02 19:34
S91	26	"704"/\$.ccls. and ((frequency spectrum spectral) adj1 (image picture figure drawing visual))	US-PGPUB; USPAT	OR	ON	2004/04/02 19:38
S92	26	"704"/\$.ccls. and ((frequency spectrum spectral and formant) adj1 (image picture chart))	US-PGPUB; USPAT	OR	ON	2004/04/02 19:43
S93	28	"704"/\$.ccls. and ((frequency spectrum formant) adj1 (image picture chart))	US-PGPUB; USPAT	OR	ON	2004/04/02 19:44
S94	3	"704"/\$.ccls. and ((frequency spectrum formant) adj1 (image picture chart)) and FFT	US-PGPUB; USPAT	OR	ON	2004/04/02 19:46
S95	2	"381"/\$.ccls. and ((frequency spectrum formant) adj1 (image picture chart)) and FFT	US-PGPUB; USPAT	OR	ON	2004/04/02 19:47
S96	12	"381"/\$.ccls. and ((frequency spectrum formant) near2 (image picture chart)) and FFT	US-PGPUB; USPAT	OR	ON	2004/04/02 22:20
S97	29	"704"/\$.ccls. and ((frequency spectrum formant) near2 (image picture chart)) and FFT	US-PGPUB; USPAT	OR	ON	2004/04/02 19:49
S98	12	"704"/\$.ccls. and ((frequency spectrum formant) near2 (image picture)) and FFT	US-PGPUB; USPAT	OR	ON	2005/03/09 15:31

S99	27	"704"/\$.ccls. and ((frequency spectr\$4 formant) near2 (image picture)) and fourier	US-PGPUB; USPAT	OR	ON	2004/04/03 16:42
S100	20	"704"/\$.ccls. and ((frequency spectrum formant) near2 (image picture)) and fourier	US-PGPUB; USPAT	OR	ON	2004/04/02 20:10
S101	24	(sound audio voice speech) same ((frequency spectrum formant) near2 (image picture)) same analy\$5 and fourier	US-PGPUB; USPAT	OR	ON	2004/04/02 20:12
S102	0	"381"/\$.ccls. and (frequency adj1 analysis) and ((spectrum formant) near2 (image picture chart))	US-PGPUB; USPAT	OR	ON	2004/04/02 22:22
S103	41	"381"/\$.ccls. and (frequency adj1 analysis) and ((spectrum formant) and (image picture t))	US-PGPUB; USPAT	OR	ON	2004/04/02 22:22
S104	22	"381"/\$.ccls. and (frequency adj1 analysis) and ((spectrum formant) and (image picture))	US-PGPUB; USPAT	OR	ON	2004/04/02 22:22
S105	8	"381"/\$.ccls. and (frequency adj1 analysis) and ((spectrum formant) and (image picture)) and select	US-PGPUB; USPAT	OR	ON	2004/04/02 22:23
S106	3	"381"/\$.ccls. and (frequency adj1 analysis) and ((spectrum formant) and (image picture)) and select and fft	US-PGPUB; USPAT	OR	ON	2004/04/02 22:24
S107	13	"704"/\$.ccls. and (image picture bit-map (bit adj1 map) bitmap) same logical same operat\$4	US-PGPUB; USPAT	OR	ON	2004/04/03 17:04
S108	2	"704"/\$.ccls. and (image picture bit-map (bit adj1 map) bitmap) same logical same operat\$4 and invert\$4	US-PGPUB; USPAT	OR	ON	2005/03/10 11:32
S161	0	"704"/\$.ccls. and (compos\$4 and mix\$4 and combin\$6) same ((frequency spectrum formant) near2 (image picture)) and FFT	US-PGPUB; USPAT	OR	ON	2005/03/09 15:32
S162	0	"704"/\$.ccls. and (compos\$4 and mix\$4 and combin\$6) same ((frequency spectrum formant) near2 (image picture visual display)) and FFT	US-PGPUB; USPAT	OR	ON	2005/03/09 15:32
S163	0	"704"/\$.ccls. and (compos\$4 and mix\$4 and combin\$6) same ((frequency spectrum formant) near3 (image picture visual display)) and FFT	US-PGPUB; USPAT	OR	ON	2005/03/09 15:33

S16 4	0	"704"/\$.ccls. and (compos\$4 and mix\$4 and combin\$6) same ((frequency spectrum formant) near3 (image picture visual display))	US-PGPUB; USPAT	OR	ON	2005/03/09 15:32
S16 5	1	@ad<"19990922" and (compos\$4 and mix\$4 and combin\$6) same ((frequency spectrum formant) near3 (image picture visual display)) and FFT	US-PGPUB; USPAT	OR	ON	2005/03/09 15:34
S16 6	45	@ad<"19990922" and (compos\$4 and mix\$4 and combin\$6) same ((frequency spectrum formant) near3 (image picture visual display))	US-PGPUB; USPAT	OR	ON	2005/03/09 15:35
S16 7	20	@ad<"19990922" and (compos\$4 and mix\$4 and combin\$6) same ((frequency spectrum formant) near3 (image picture visual display)) and audio	US-PGPUB; USPAT	OR	ON	2005/03/09 15:35
S16 8	1	"05286908"	US-PGPUB; USPAT	OR	OFF	2005/03/09 23:30
S16 9	18	"704"/\$.ccls. and (image picture bit-map (bit adj1 map) bitmap) same logical same operat\$4	US-PGPUB; USPAT	OR	ON	2005/03/10 11:32
S17 0	7	"704"/\$.ccls. and (image picture bit-map (bit adj1 map) bitmap) same logical same operat\$4 and @ad<"19990922"	US-PGPUB; USPAT	OR	ON	2005/03/10 11:36
S17 1	2	"704"/\$.ccls. and (image picture bit-map (bit adj1 map) bitmap icon) same logical\$4 near operat\$4 and @ad<"19990922"	US-PGPUB; USPAT	OR	ON	2005/03/10 11:39
S17 2	235	(image picture bit-map (bit adj1 map) bitmap icon) same logical\$4 near operat\$4 same (compos\$4 composit\$4 mix\$4 combin\$4 merg\$4) and @ad<"19990922"	US-PGPUB; USPAT	OR	ON	2005/03/10 11:40
S17 3	54	(image picture bit-map (bit adj1 map) bitmap icon) same logical\$4 near operat\$4 same (compos\$4 composit\$4 mix\$4 combin\$4 merg\$4) and @ad<"19990922" and (audio sound speech)	US-PGPUB; USPAT	OR	ON	2005/03/10 11:40
S17 4	14	(image picture bit-map (bit adj1 map) bitmap icon) same logical\$4 near operat\$4 same (compos\$4 composit\$4 mix\$4 combin\$4 merg\$4) and @ad<"19990922" and (audio)	US-PGPUB; USPAT	OR	ON	2005/03/10 11:44



S17 5	2	(image picture bit-map (bit adj1 map) bitmap icon) same logical\$4 near operat\$4 same (compos\$4 composit\$4 mix\$4 combin\$4 merg\$4) and @ad<"19990922" and (speech adj1 recognition)	US-PGPUB; USPAT	OR	ON	2005/03/10 11:42
S17 6	35	(image picture bit-map (bit adj1 map) bitmap icon) same logical\$4 near operat\$4 same (compos\$4 composit\$4 mix\$4 combin\$4 merg\$4) and @ad<"19990922" and (presentation)	US-PGPUB; USPAT	OR	ON	2005/03/10 11:41
S17 7	0	(image picture bit-map (bit adj1 map) bitmap icon) same logical\$4 near operat\$4 same (compos\$4 composit\$4 mix\$4 combin\$4 merg\$4) and @ad<"19990922" and (speech adj2 presentation)	US-PGPUB; USPAT	OR	ON	2005/03/10 11:41
S17 8	3	(compos\$4 composit\$4 mix\$4 combin\$4 merg\$4) near2 (image picture bit-map (bit adj1 map) bitmap icon) same logical\$4 near operat\$4 and @ad<"19990922" and (audio)	US-PGPUB; USPAT	OR	ON	2005/03/10 11:48
S17 9	25	(compos\$4 composit\$4 mix\$4 combin\$4 merg\$4) near2 (image picture bit-map (bit adj1 map) bitmap icon) same logical\$4 near operat\$4 and @ad<"19990922" and (audio sound speech)	US-PGPUB; USPAT	OR	ON	2005/03/10 11:48